

To: Kessler, Katrina (MPCA)[katrina.kessler@state.mn.us]; nancyschuldt@fdlrez.com[nancyschuldt@fdlrez.com]; Darren Vogt (1854 Authority) (dvogt@1854authority.org)[dvogt@1854authority.org]; Tara Geshick[tgeshick@boisforte-nsn.gov]; mike.connor@boisforte-nsn.gov[mike.connor@boisforte-nsn.gov]; blatady@lycos.com[blatady@lycos.com]; samoore@boreal.org[samoore@boreal.org]; Margaret Watkins (Watkins@boreal.org)[Watkins@boreal.org]; Wayne Dupuis[WayneDupuis@FDLREZ.COM]; ccharwood@redlakenation.org[ccharwood@redlakenation.org]; levib@lldrm.org[levib@lldrm.org]; jeffh@lldrm.org[jeffh@lldrm.org]; Deb.dirlam@lowersioux.com[Deb.dirlam@lowersioux.com]; Todd.Moilanen@millelacsband.com[Todd.Moilanen@millelacsband.com]; perry.bunting@millelacsband.com[perry.bunting@millelacsband.com]; Ryan.rupp@millelacsband.com[Ryan.rupp@millelacsband.com]; Shane Bowe[SBowe@redlakenation.org]; kherdina@piic.org[kherdina@piic.org]; scott.walz@shakopeedakota.org[scott.walz@shakopeedakota.org]; stan.ellison@shakopeedakota.org[stan.ellison@shakopeedakota.org]; scottw@uppersiouxcommunity-nsn.gov[scottw@uppersiouxcommunity-nsn.gov]; monicahm@whiteearth.com[monicahm@whiteearth.com]; willb@whiteearth.com[willb@whiteearth.com]; Thornton, J. David (MPCA)[j.david.thornton@state.mn.us]; Lotthammer, Shannon (MPCA)[shannon.lotthammer@state.mn.us]; Esteban Chiriboga[esteban@glifwc.org]; Dvogt@1854treatyauthority.org[Dvogt@1854treatyauthority.org]; Thomas Howes[tomhowes@FDLREZ.COM]

Cc: Wagener, Christine[wagener.christine@epa.gov]; Mayo, Kathleen[mayo.kathleen@epa.gov]; Pfeifer, David[pfeifer.david@epa.gov]; Holst, Linda[holst.linda@epa.gov]; Blaha, Gerald (MPCA)[gerald.blaha@state.mn.us]; Swain, Ed (MPCA)[edward.swain@state.mn.us]; Engelking, Pat (MPCA)[pat.engelking@state.mn.us]; Monson, Phil (MPCA)[phil.monson@state.mn.us]

From: Margaret Watkins

Sent: Fri 4/24/2015 7:19:04 PM

Subject: Re: update on wild rice water quality standard analysis

Good afternoon Shannon:

Thank you for providing the information from the MPCA presentation to Barr Engineering. Could you provide me (and others that may be interested) access to the Advisory Committee WebEx and a call-in number?

Sincerely,

Margaret Watkins

On 4/24/2015 1:19 PM, Kessler, Katrina (MPCA) wrote:

Good afternoon:

Attached please find the notes from our March 26th meeting in Hinckley. We did not receive any comments on the draft notes so the attached version is identical to the version you received on April 8th with the exception of the removal of the "draft" label. I've also attached a .pdf presentation that Shannon and I gave yesterday at Barr Engineering. The focus of that presentation was the draft proposed approach to the wild rice standard. The majority of the .pdf slides are taken directly from the proposed approach summary that we discussed at the March 26th meeting but there is one new graphic included that we wanted

you to have. It is titled “Probability of Wild Rice Presence as a function of the ratio [observed sulfate]:[calculated protective sulfate].” If you have questions about that slide or the rest of the attached presentation please feel free to contact me.

We have scheduled the next meeting of the Wild Rice Standard Advisory Committee meeting for Tuesday May 19th. There will likely be additional new graphs and slides presented at that point. If you would like me to set up a WebEx prior to the May 19th meeting for you to see the new material please let me know.

Also, we are very interested in hearing any ideas or feedback you have on the proposed approach that are not captured in the attached notes as well as when and how you would like to proceed with formal Consultation. Thank you in advance for sending us your thoughts on those topics.

Have a great weekend!

Katrina

From: Kessler, Katrina (MPCA)

Sent: Wednesday, April 08, 2015 12:25 PM

To: 'Nancy Schult'; 'Darren Vogt (1854 Authority (dvogt@1854authority.org))'; 'Tara Geshick'; 'mike.connor@boisforte-nsn.gov'; 'blatady@lycos.com'; 'samoore@boreal.org'; 'Margaret Watkins (Watkins@boreal.org)'; 'Wayne Dupuis'; 'Cody Charwood'; 'LeviB@lldrm.org'; 'jeffh@lldrm.org'; 'Deb.dirlam@lowersioux.com'; 'Todd.Moilanen@millelacsband.com';

'perry.bunting@millelacsband.com'; 'ryan.rupp@millelacsband.com'; 'Shane Bowe';

'kherdina@piic.org'; 'scott.walz@shakopeedakota.org'; 'stan.ellison@shakopeedakota.org';

'scottw@uppersiouxcommunity-nsn.gov'; 'monicahm@whiteearth.com'; 'willb@whiteearth.com';

Thornton, J. David (MPCA); Lotthammer, Shannon (MPCA); 'Esteban Chiriboga'; 'Darren Vogt';

'Thomas Howes'

Cc: 'Wagener.Christine@epamail.epa.gov'; 'Kathleen Mayo'; 'David Pfeifer';

'Holst.Linda@epamail.epa.gov'; Blaha, Gerald (MPCA); Swain, Ed (MPCA); Engelking, Pat (MPCA); Monson, Phil (MPCA)

Subject: RE: update on wild rice water quality standard analysis

Hello all – I’ve attached the draft notes from our March 26th meeting. Please review them and send back any comments or revisions to me by next Friday April 17th. I will send final notes out to the group the week of April 20th. Thank you again for your participation in the

discussion and for your commitment to a continued dialogue going forward. One question that we are particularly interested in hearing from you about is how to proceed with Tribal Consultation. As we discussed at the meeting we hope to have more constructive conversations between now and the start of formal rulemaking. We also want to make sure that we honor the request for Consultation. In order to do that we would like to hear from folks about how and when they would prefer that take place.

Many thanks!

Katrina

From: Kessler, Katrina (MPCA)

Sent: Monday, March 30, 2015 8:12 AM

To: Nancy Schuldt; Darren Vogt (dvogt@1854authority.org); Tara Geshick; mike.connor@boisforte-nsn.gov; blatady@lycos.com; samoore@boreal.org; Margaret Watkins (Watkins@boreal.org); Wayne Dupuis; Cody Charwood; LeviB@lldrm.org; jeffh@lldrm.org; Deb.dirlam@lowersioux.com; Todd.Moilanen@millelacsband.com; perry.bunting@millelacsband.com; ryan.rupp@millelacsband.com; Shane Bowe; kherdina@piic.org; scott.walz@shakopeedakota.org; stan.ellison@shakopeedakota.org; scottw@uppersiouxcommunity-nsn.gov; monicahm@whiteearth.com; willb@whiteearth.com; Thornton, J. David (MPCA); Lotthammer, Shannon (MPCA); Esteban Chiriboga; 'Darren Vogt'; 'Thomas Howes'

Cc: Wagener.Christine@epamail.epa.gov; Kathleen Mayo; David Pfeifer; Holst.Linda@epamail.epa.gov; Blaha, Gerald (MPCA); Swain, Ed (MPCA); Engelking, Pat (MPCA); Monson, Phil (MPCA)

Subject: RE: update on wild rice water quality standard analysis

Thank you to those of you that participated in the discussion last Thursday. As we articulated, we have very much valued your input up to this point and hope to continue to have constructive conversations over the coming months on the proposed approach. During the meeting we committed to sending out draft notes for review and comment. Those will be forthcoming. In the mean time I am sending the attached spreadsheet that includes protective sulfate concentrations calculated using the draft equation for the MPCA field survey locations with both total organic carbon and iron information. Please note that the calculated protective sulfate values are not standards. The proposed approach, including the equation, is draft. As we discussed on Thursday we continue to evaluate how discrete protective sulfate concentrations calculated from different locations within a waterbody should be integrated. The consideration of spatial variability within a given waterbody is one of the questions we are committed to answering over the coming months prior to formal rulemaking. Please feel free to contact me if you have any questions about the attached data.

Many thanks!
Katrina

From: Kessler, Katrina (MPCA)
Sent: Wednesday, March 11, 2015 10:43 AM
To: 'Nancy Schuldt'; Darren Vogt (dvogt@1854authority.org); Tara Geshick; mike.connor@boisforte-nsn.gov; blatady@lycos.com; samoore@boreal.org; Margaret Watkins (Watkins@boreal.org); Wayne Dupuis; Cody Charwood; LeviB@lldrm.org; jeffh@lldrm.org; Deb.dirlam@lowersioux.com; Todd.Moilanen@millelacsband.com; perry.bunting@millelacsband.com; ryan.rupp@millelacsband.com; Shane Bowe; kherdina@piic.org; scott.walz@shakopeedakota.org; stan.ellison@shakopeedakota.org; scottw@uppersiouxcommunity-nsn.gov; monicahm@whiteearth.com; willb@whiteearth.com; Thornton, J. David (MPCA); Lotthammer, Shannon (MPCA)
Cc: Wagener.Christine@epamail.epa.gov; Kathleen Mayo; David Pfeifer; Holst.Linda@epamail.epa.gov
Subject: RE: update on wild rice water quality standard analysis

Good morning all:

I am writing to invite you to a meeting on March 26th from 11 am – 12:30 pm at the Hinckley Convention Center in the Birch-Ash Room. The purpose of the meeting is to provide you with an update on the MPCA's work on the wild rice sulfate water quality standard. Shannon Lotthammer and I will be present at the meeting to discuss recent efforts and to answer questions. We would be happy to have you attend in person but recognize that may not be feasible for everyone. To that end there will be a conference call-in option for folks that would like to participate remotely. I will send an email with the call-in number and conference call code in the near future.

Thanks!
Katrina

From: Nancy Schuldt [<mailto:NancySchuldt@FDLREZ.COM>]
Sent: Wednesday, February 25, 2015 2:44 PM
To: Kessler, Katrina (MPCA); Darren Vogt (dvogt@1854authority.org); Tara

Geshick; mike.connor@boisforte-nsn.gov; blatady@lycos.com; samoore@boreal.org; Margaret Watkins (Watkins@boreal.org); Wayne Dupuis; Cody Charwood; LeviB@lldrm.org; jeffh@lldrm.org; Deb.dirlam@lowersioux.com; Todd.Moilanen@millelacsband.com; perry.bunting@millelacsband.com; ryan.rupp@millelacsband.com; Shane Bowe; kherdina@piic.org; scott.walz@shakopeedakota.org; stan.ellison@shakopeedakota.org; scottw@uppersiouxcommunity-nsn.gov; monicahm@whiteearth.com; willb@whiteearth.com; Thornton, J. David (MPCA); Lotthammer, Shannon (MPCA)
Cc: Wagener.Christine@epamail.epa.gov; Kathleen Mayo; David Pfeifer; Holst.Linda@epamail.epa.gov
Subject: RE: update on wild rice water quality standard analysis

Katrina: thank you for the message regarding MPCA's progress on the wild rice standard, beneficial use, and permitting approach (copied below). It has been a little over a year since the agency last met in consultation with Minnesota tribal staff about this issue, and I am wondering if we could again schedule a consultation meeting prior to the broader public release of the proposed update to your wild rice WQS/permitting framework. Fond du Lac would be happy to host this meeting if that is convenient for you.

I look forward to hearing from you,

Nancy Schuldt

Water Projects Coordinator

Fond du Lac Environmental Program

1720 Big Lake Road

Cloquet, MN 55720

218.878.7110 ph

218.878.7168 fax

Good afternoon everyone:

Hopefully you are all managing to stay warm through this bitter cold snap. We wanted to send you a quick note to update you on the status of our analysis efforts. The work is progressing well, and at this point we expect to have a proposal that addresses the standard, beneficial use (wild rice waters), and a permitting approach completed as soon as the end of March that we will share with you. So more to come.

Thank you all for your ongoing interest and feedback!

Katrina

Katrina Kessler, P.E.

Water Assessment Section Manager ▪ Minnesota Pollution Control Agency ▪ 651 757-2490

Follow me on Twitter @katrinaMPCA

Our mission is to protect and improve the environment and enhance human health